

## **NPDES PUBLIC NOTICE**

Application for National Pollutant Discharge Elimination  
System (NPDES) Permit to Discharge to State Waters

**Northwest Regional Office:** Regional Water Management Program Manager, 230 Chestnut Street, Meadville, PA 16335-3481, Telephone: 814-332-6942.

**PA0005304**, Industrial Waste, SIC Code 2911, United Refining Company, 15 Bradley Street, Warren, PA 16365-3299. Facility Name: United Refining. This existing facility is located in the City of Warren, Warren County.

Description of Existing Activity: The application is for a renewal of a NPDES permit for an existing discharge of treated Industrial Waste, non-contact cooling water, steam condensate, groundwater, and stormwater.

The receiving stream(s), Allegheny River, Glade Run and an unnamed tributary to Glade Run, are located in State Water Plan watershed 16-B and are classified for Warm Water Fishes, aquatic life, water supply and recreation. The discharge is not expected to affect public water supplies.

The proposed effluent limits for Outfall 001 are based on a design flow of 0.844 MGD.

Parameters	Mass (lb/day)		Concentration (mg/l)			
	Average Monthly	Daily Maximum	Minimum	Average Monthly	Daily Maximum	Instant. Maximum
Flow (MGD)	Report	Report	XXX	XXX	XXX	XXX
pH (S.U.)	XXX	XXX	6.0	XXX	XXX	9.0
BOD5	660	1190	XXX	Report	Report	235
Chemical Oxygen Demand	4630	8930	XXX	Report	Report	1640
Total Suspended Solids	530	830	XXX	Report	Report	185
Total Dissolved Solids	Report	Report	XXX	Report	Report	XXX
Oil and Grease	190	360	XXX	15	30	30
Ammonia-Nitrogen	360	795	XXX	Report	Report	125
Hexavalent Chromium	0.33	0.74	XXX	Report	Report	0.11
Total Chromium	4.0	11.5	XXX	Report	Report	1.4
Total Sulfide	3.5	7.8	XXX	Report	Report	1.2
Total Phenolics	3.4	8.0	XXX	Report	Report	1.2

The proposed effluent limits for Outfall 003 are based on a design flow of 5.744 MGD.

Parameters	Mass (lb/day)		Concentration (mg/l)			
	Average Monthly	Daily Maximum	Minimum	Average Monthly	Daily Maximum	Instant. Maximum
Flow (MGD)	Report	Report	XXX	XXX	XXX	XXX
pH (S.U.)	XXX	XXX	6.0	XXX	XXX	9.0
Oil and Grease	Report	XXX	XXX	15	XXX	30
Total Organic Carbon	XXX	Report	XXX	XXX	5	6.25

The proposed effluent limits for Outfall 004 are based on a design flow of 0.375 MGD.

The proposed effluent limits for Outfall 005 are based on a design flow of 3 MGD.

The proposed effluent limits for Outfall 006 are based on a design flow of 2.2 MGD.

Parameters	Mass (lb/day)		Concentration (mg/l)			
	Average Monthly	Daily Maximum	Minimum	Average Monthly	Daily Maximum	Instant. Maximum
Flow (MGD)	Report	Report	XXX	XXX	XXX	XXX
pH (S.U.)	XXX	XXX	6.0	XXX	XXX	9.0
Oil and Grease	Report	XXX	XXX	15	XXX	30
Total Organic Carbon	XXX	Report	XXX	XXX	5	6.25

The proposed effluent limits for Outfall 007 are based on a design flow of N/A MGD.  
The proposed effluent limits for Outfall 014 are based on a design flow of N/A MGD.  
The proposed effluent limits for Outfall 015 are based on a design flow of N/A MGD.  
The proposed effluent limits for Outfall 017 are based on a design flow of N/A MGD.

Parameters	Mass (lb/day)		Concentration (mg/l)			
	Average Monthly	Daily Maximum	Minimum	Average Monthly	Daily Maximum	Instant. Maximum
Flow (MGD)	Report	Report	XXX	XXX	XXX	XXX
pH (S.U.)	XXX	XXX	6.0	XXX	XXX	9.0
Oil and Grease	XXX	XXX	XXX	15	XXX	30
Total Organic Carbon	XXX	XXX	XXX	XXX	110	138
Aluminum	XXX	XXX	XXX	XXX	Report	XXX
Total Iron	XXX	XXX	XXX	XXX	Report	XXX
Zinc	XXX	XXX	XXX	XXX	Report	XXX
Total Suspended Solids	XXX	XXX	XXX	XXX	Report	XXX

The proposed effluent limits for Outfall 008 are based on a design flow of 0.015 MGD.  
The proposed effluent limits for Outfall 009 are based on a design flow of 0.006 MGD.  
The proposed effluent limits for Outfall 010 are based on a design flow of 0.03 MGD.  
The proposed effluent limits for Outfall 011 are based on a design flow of 0.03 MGD.  
The proposed effluent limits for Outfall 012 are based on a design flow of 0.03 MGD.  
The proposed effluent limits for Outfall 013 are based on a design flow of 0.04 MGD.  
The proposed effluent limits for Outfall 016 are based on a design flow of N/A MGD.

Parameters	Mass (lb/day)		Concentration (mg/l)			
	Average Monthly	Daily Maximum	Minimum	Average Monthly	Daily Maximum	Instant. Maximum
Flow (MGD)	Report	Report	XXX	XXX	XXX	XXX
Flow (MGD)	Report	Report	XXX	XXX	XXX	XXX
pH (S.U.)	XXX	XXX	6.0	XXX	XXX	9.0
pH (S.U.)	XXX	XXX	6.0	XXX	XXX	9.0
Other Stormwater	XXX	XXX	6.0	XXX	XXX	9.0
Total Suspended Solids	XXX	Report	XXX	XXX	Report	XXX
Total Suspended Solids	XXX	XXX	XXX	XXX	Report	XXX
Other Stormwater	XXX	XXX	XXX	XXX	Report	XXX
Oil and Grease	XXX	XXX	XXX	15	XXX	30
Other Stormwater	Report	XXX	XXX	15	XXX	30
Oil and Grease	XXX	XXX	XXX	XXX	110	138
Total Organic Carbon	XXX	XXX	XXX	XXX	Report	XXX
Other Stormwater	XXX	XXX	XXX	XXX	Report	XXX
Aluminum	XXX	XXX	XXX	XXX	Report	XXX
Other Stormwater	XXX	XXX	XXX	XXX	Report	XXX
Total Iron	XXX	XXX	XXX	XXX	Report	XXX
Other Stormwater	XXX	XXX	XXX	XXX	Report	XXX
Zinc	XXX	XXX	XXX	XXX	Report	XXX
Other Stormwater	XXX	XXX	XXX	XXX	Report	XXX

In addition, the permit contains the following major special conditions:

- Chemical Additives
- Requirements Applicable to All Stormwater Outfalls
- Stormwater Allowance Factors
- Effluent Limits for the Discharge of Hydrostatic Test Water

You may make an appointment to review the DEP files on this case by calling the File Review Coordinator at 814-332-6340.

The EPA Waiver is not in effect.

